

ALASKA DEPARTMENT OF FISH AND GAME  
DIVISION OF SPORT FISH  
LAKE SURVEY SUMMARY

113-92-10020-0010

LAKE Takanis Lake 113-92-02

MAP REF. Sitka D-8 T 45S R 55E S 14,23 LAT. 57°57'30"N LONG. 136°27'30"W

LOC. Yakobi Island on Takanis Bay SURF. ELEV. 254 fasl

1. SURF. ACRES 8.9 ha MAX. DEPTH 56 ~~m~~ Meters AVG. DEPTH 30 Meters ACRE FT. 23,476  
SHOAL AREA see survey map WATER COLOR Clear blue-green SECCHI READING 7.4 ~~m~~ meters  
AQUATIC VEGETATION \_\_\_\_\_

2. FISH SPECIES: NATIVE DV,SS,RS,PS INTRODUCED None known

3. FISHING HISTORY Frequent angling by personnel of nearby ~~rearing~~ camp

4. INVERTEBRATES \_\_\_\_\_

5. INLETS Upper Takanis Creek (NE) (clear) DISCHARGE \_\_\_\_\_ cfs  
DISCHARGE \_\_\_\_\_ cfs  
DISCHARGE \_\_\_\_\_ cfs

BARRIERS No barriers noted although fast flow & shallow areas could be an obstruction to smolt passage.

6. OUTLETS Takanis Creek DISCHARGE \_\_\_\_\_ cfs  
DISCHARGE \_\_\_\_\_ cfs

BARRIERS Large eroded trees fallen across stream in time could wash into stream.

7. SPAWNING AREAS Upper Takanis Creek provide good spawning areas

8. WATERSHED TYPE Mountain Lake DRAINAGE AREA 130.4 ha ACRES \_\_\_\_\_

9. ACCESSIBILITY Float plane and possible by pack-in on old overgrown trail from Takanis Bay

10. ACCESS STATUS National Forest land - public recreation use

11. USE SITE Mining exploration in Bohemia basin FACILITIES None on lake

12. OTHER USE None Known

13. POLLUTION None observed or known

14. REMARKS See additional remarks on extra data sheet, attached

BY F. Stuart Robards & John Vallie

DATE Aug 9/0 73

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SUPPLEMENTAL DATA

NAME Takanis Lake

LOCATION \_\_\_\_\_

Additional Data

Upper Takanis Creek is the major tributary observed to enter Takanis Lake. Numerous small smolt were observed in small pools formed by exposed tree roots, and eroded fallen trees. The stream was very rapid in stretches with large areas of shallow and more tranquil stretches available for rearing salmonids. Stream bottom strata is composed of small to medium size rocks. Checking large rocks yielded a high abundance of nymphs present.

Lower Takanis Creek at the outlet of Takanis Lake is composed of fine gravel interpressed with large rocks. The substrate was predominately clear with little humus content.

Stream banks showed wide fluctuation in outflow levels. Beneath fallen logs, sockeye and pinks could be seen resting. Dolly Varden could be seen interspersed with larger salmon. Periodically salmon would pass from the outlet into the lake and rest on the bottom of the shoal area.

Pinks were mature and black in color whereas, the sockeyes were predominately silver although some showed pink along their sides.

BY \_\_\_\_\_

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SUPPLEMENTAL DATA

NAME Takanis Lake

LOCATION \_\_\_\_\_

Recreational Analysis Summary

Accessibility:

Takanis Lake is primarily accessible by floatplane which can land on the lake. It is also possible to pack-in from Takanis Bay along the overgrown and steep trail. The use of a large vessel is recommended if the latter route is elected.

Fishability:

The prime fishing areas in the lake was at the inlet of the upper Takanis Creek or at the lake's outlet into lower Takanis Creek. Each area has a shallow areas to facilitate angling techniques. Accessibility around the lake is difficult through the dense spruce and alder and the steep mountainside. It is recommended the angler use a collapsible or inflatable boat for use on the lake.

Esthetics:

Takanis lake is located in a very appealing setting with steep mountains rising on both sides of the valley. The area is unique in its terrain and location of Yakobi Island.

Proximity to Other Recreational Areas:

Takanis Lake is located close to other productive salmonid areas. No established recreation facilities exist in the area. Inspirational Development mining company has a exploratory camp nearby and the lake receives some angling pressure from their recreational pursuits.

BY \_\_\_\_\_

DATE \_\_\_\_\_